



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of November 13, 2010

DATE: October 20, 2010

SUBJECT: Authorization to submit an application for Transportation Enhancements Program funds to the Commonwealth Transportation Board for improvements to the Route 110 Trail.

C. M. RECOMMENDATION:

1. Adopt the attached endorsement resolution regarding Arlington County's application for Transportation Enhancement program funds.
2. Authorize the County Manager to submit, on behalf of the County Board and consistent with the attached resolution, an application to the Commonwealth Transportation Board for Fiscal Year 2010-11.

ISSUES: The County Board is being asked to endorse an application request for \$265,000 in Transportation Enhancement program funding. This includes a 20 percent local match of \$53,000. The net grant funding requested is \$212,000. No issues have been identified.

SUMMARY: The Transportation Enhancement (TE) program is a federal funding program managed by the Virginia Department of Transportation (VDOT). Arlington County will apply for grant funding under the *Pedestrian and bicycle facilities* category. An award would be used for preliminary engineering and construction costs needed to pave and provide other related improvements to the Route 110 Trail between Memorial Bridge and the North Pentagon parking lot. The estimated total cost of the project is \$774,500. The County is requesting a TE grant in the amount of \$212,000, which will be matched by \$53,000 in new local money. This will be sufficient to complete construction of the project.

BACKGROUND: The Transportation Enhancements program was first instituted as part of the 1991 Inter-modal Surface Transportation Efficiency Act (ISTEA). In 2010, the program continues under the authority of the Safe, Accountable, Flexible, Efficient Transportation Equity Act (SAFETEA-LU). Unlike the larger programs funding highways and transit services, the Transportation Enhancement program was intended to focus specifically on projects that go "above and beyond" mobility needs to offer enhancements to the quality of life in American communities. There are twelve categories of funding for Transportation Enhancement projects. Arlington County will apply under the *Pedestrian and bicycle facilities* category. An award would be used for

County Manager:

County Attorney:

Staff: David Patton

26. B.

preliminary engineering and construction costs to pave and provide other related improvements to the Route 110 Trail between Memorial Bridge and the North Pentagon parking lot. Arlington County has successfully applied for TE funds a number of times in the past, to build projects such as trail improvements and Metro station canopies. This project (Route 110 Trail improvements) received an award of \$246,000 in the 2009 round of Transportation Enhancement grants.

The 110 Trail was established in the 1970s as a pedestrian amenity during construction of the WMATA Metro system. It was never paved, and has degraded seriously since it was built. At present it is an extremely narrow dirt path, with a dangerous unmarked road crossing at the George Washington Parkway / Memorial Drive interchange. The trail reconstruction project will improve the path to a 10 foot wide fully paved trail, and relocate the interchange crossing to a new location that will better address safety needs. Such improvements will permit use of the trail in all weather conditions, providing a safe, high-quality, multi-modal connection between the Pentagon and points south to the Memorial Bridge, Arlington Cemetery Metro station, and points north. The project will benefit commuters to the Pentagon / Crystal City, Rosslyn, and downtown Washington activity centers, as well as walkers, runners and cyclists using the trail for recreation or exercise.

DISCUSSION: The Transportation Enhancement funding process requires that an application to the Virginia Commonwealth Transportation Board (CTB) be submitted by December 1, 2010. Prospective projects must go through a public hearing process and obtain an endorsement resolution from the local governing body. The public hearing requirement for the Route 110 Trail has been met through the Master Transportation Plan public process. The necessary County endorsement would be met by adoption of the attached Project Endorsement Resolution.

Transportation Enhancement applications submitted by jurisdictions across Virginia are reviewed by VDOT local assistance staff, and evaluated by the Commonwealth Transportation Board (CTB). Final award decisions are made by the CTB. Transportation Enhancement awards provide up to 80% of project costs, with applicants required to provide 20% as a local match. Arlington County staff anticipate that due to the program's focus on completing existing projects, this year it is possible that the County would receive the entire remaining \$212,000 needed to finalize Preliminary Engineering (including environmental review) and carry the project through the construction phase.

The estimated total cost of the project is \$774,500, of which \$202,000 was previously allocated from Congestion Mitigation and Air Quality (CMAQ) and local funding sources, and \$307,500 has been made available from the 2009 Transportation Enhancement program awards and local funding. This leaves a remaining project cost of \$265,000. The Transportation Enhancement program requires a 20% match from the local jurisdiction, so the County is requesting a grant in the amount of \$212,000, which will be matched by \$53,000 in new local money.

The current project schedule calls for the completion of design and environmental documentation by late spring 2011. It is anticipated that bid documents would be completed during the summer and fall of 2011, and that construction would take place in calendar year 2012.

FISCAL IMPACT: The Transportation Enhancement program works on reimbursement and a 20% local match. This means that if the application is successful the County would be required to advance \$265,000, \$212,000 of which (80%) would be reimbursed by VDOT. The impact to the County

budget would therefore be \$53,000, and it is anticipated that the match would be supplied by FY 2012 bond funding.

**ARLINGTON COUNTY VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
ENGINEERING BUREAU**

PROJ #: BK91
DATE: 10/1/10
PRISM #:

**50% SUBMITTAL
ENGINEER'S ESTIMATE
Route 110 trail Memorial Dr. to the Pentagon
Route 110 Trail - 50% design**

D&F CONSTRUCTION, INC. - CONT. #25-10 - Expr. 12/31/10

CONCRETE WORK

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
3	Header Curb C-3	365	LF	\$16.00	\$5,840.00
6	Sidewalk 4" Thickness S-4	275	SY	\$24.75	\$6,806.25
8	Detectable Warning Surface for VDOT CG-12 Curb Ramps - in Accord with Latest VDOT Specifications (Ramps will be paid in 3 parts per VDOT specs)	100	SF	\$16.00	\$1,600.00
14	Miscellaneous Class A3 Concrete Including Formwork	85	CY	\$150.00	\$12,750.00

Subtotal for Concrete Work \$26,996.25

EXCAVATION & SITE WORK

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1	Aggregate VDOT 21-A (Aggregate Supplied by Contractor)	1125	CY	\$45.00	\$50,625.00
5	General Excavation (Only where not included in various pay items)	1500	CY	\$30.00	\$45,000.00

Subtotal for Excavation & Site Work \$95,625.00

RETAINING WALLS

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
2	Retaining Wall - Mortar Rubble Arlington County Detail R-4.1	2650	CF	\$26.00	\$68,900.00

Subtotal for Retaining Walls \$68,900.00

INCIDENTALS & RESTORATION

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
14	Sod In Place (Arlington County Specification 2801)	2400	SY	\$7.50	\$18,000.00
18	Silt Fence per Arlington County Detail D-5.1	5000	LF	\$3.00	\$15,000.00
23	Plastic Tree Protection Fencing (VA DCR E&S Handbook 3.38)	550	LF	\$5.00	\$2,750.00

Subtotal for Incidentals & Restoration \$35,750.00

Subtotal for D&F Construction, Inc. - CONT. #25-10 \$227,271.25

FORT MYER CONSTRUCTION CORP. - CONT. #59-10 - Expr. 03/31/11

ASPHALT IN PLACE/NEW

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
3	SM-9.5A/ 8', 10' & 12' Trails	415	Ton	\$87.00	\$36,105.00

Subtotal for Asphalt In Place/New \$36,105.00

Subtotal for Fort Myer Construction Corp. - CONT. #59-10 \$36,105.00

ADDITIONAL ITEMS

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
	Bollards	6	EA	\$600.00	\$3,600.00
	Clearing and Grubbing	1	LS	\$15,000.00	\$15,000.00
	Liquid Asphalt	4	GAL	\$1,000.00	\$4,000.00
	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000.00

Pavement message mark. XING	2	EA	\$200.00	\$400.00
Permits	1	LS	\$5,000.00	\$5,000.00
Remove Guardrail	320	LF	\$15.00	\$4,800.00
Sign Panel	100	SF	\$40.00	\$4,000.00
Sign post wood 4"x4"	70	LF	\$20.00	\$1,400.00
Ty. B.CY. Pave. line mark. 12"	70	LF	\$20.00	\$1,400.00
Ty. B.CY. Pave. line mark. 24"	50	LF	\$8.00	\$400.00
Ty. B.CY. Pave. line mark. 4"	3250	LF	\$2.00	\$6,500.00

Subtotal for Additional Items **\$56,500.00**

CONTRACT SUBTOTALS **\$319,876.25**

Plus 20% for contingency **\$63,975.25**

Plus 10% construction management **\$31,987.63**

Plus 5% survey stakeout **\$15,993.81**

20% for drainage and stormwater management **\$63,975.25**

Plus 5% for mobilization **\$15,993.81**

ROW labor **\$10,000.00**

Landscaping **\$30,000.00**

TOTAL: **\$551,802.00**

FINANCIAL INFORMATION

Project Funding

Balance **\$551,802.00**

Prepared by: Nalkare, Nilesh

In Process

Print date: 10/01/2010 15:25:03



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219-2000

GREGORY A. WHIRLEY
ACTING COMMISSIONER

June 23, 2010

Mr. David Patton
Bicycle and Pedestrian Planner
2100 Clarendon Boulevard, Suite 900
Arlington, Virginia 22201

SUBJECT: Enhancement Program – Route 110 Trail Reconstruction

Dear Mr. Patton:

Congratulations! On June 16, 2010 your application for Enhancement Program funds was approved by the Commonwealth Transportation Board (CTB) in the amount of \$246,000. Meetings will be held this fall in several different areas of the state to discuss necessary steps for implementation of your enhancement project. You will receive a notification of those Project Sponsor meetings once they have been scheduled.

Please do not expend any funds or initiate any phase of your project, for which you wish to be reimbursed, until you are authorized in writing by VDOT to do so. **Since this is a federally funded program, starting any project activities before securing proper authorization would jeopardize federal participation in the entire project.** These funds are for the federal fiscal year that begins October 1, 2010 so no authorization of funds can occur before then. The current federal transportation legislation (SAFETEA-LU) expired on September 30, 2009 and we are currently operating under a continuing resolution that will provide funding through December 31, 2010. Another continuation of SAFETEA-LU or passage of new legislation may be needed before all of the Enhancement Program funds are available.

The next deadline for Enhancement Program applications is December 1, 2010. Based on revisions made to the CTB's Enhancement Policy last year, only existing projects will be considered for additional funding for the next cycle. Please visit the Enhancement Program website at: <http://www.virginiadot.org/business/prehancegrants.asp> for information about the application process.

If you have any questions about implementing this project, please contact your VDOT District Enhancement Project Coordinator, Mr. Doug Miller at (703) 383-2108. Thank you for your interest in Virginia's Transportation Enhancement Program.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Wade Chenault, Jr.".

H. Wade Chenault, Jr.
Federal Programs Manager
Local Assistance Division

Cc: Mr. J. Douglas Koelemay
Mr. Dennis Leach



Location Map
110 Trail -- Arlington County
0 500 1,000 2,000 Feet

**PROJECT ENDORSEMENT RESOLUTION
For the Transportation Enhancements Program**

Whereas, the Arlington County Board desires to submit an application for Transportation Enhancement funds for improvements to the Route 110 Trail.

And Whereas, in accordance with Commonwealth Transportation Board construction allocation procedures, it is necessary that a request by resolution be received from the sponsoring local jurisdiction in order that the Virginia Department of Transportation establish an enhancement project in Arlington County.

Therefore, Be It Resolved, that Arlington County requests the Commonwealth Transportation Board to establish a project for the improvement of the Route 110 Trail in Arlington County.

Be It Further Resolved, that Arlington County hereby agrees to provide a minimum of 20 percent of the total cost for planning and design, right of way, and construction of this project.

Be It Further Resolved, that Arlington County hereby agrees to enter into an agreement with the Virginia Department of Transportation to provide oversight that ensures the project is developed in accordance with all state and federal requirements for design, right of way acquisition, and construction of a federally funded transportation project.

Be It Further Resolved, that Arlington County will be responsible for maintenance, upkeep and operating costs of any facility constructed with Enhancement Program funds.

Be It Further Resolved, that if Arlington County subsequently elects to cancel this project the Arlington County Board hereby agrees to reimburse the Virginia Department of Transportation for the total amount of costs expended by the Department through the date the Department is notified of such cancellation. The Arlington County Board also agrees to repay any funds previously reimbursed that are later deemed ineligible by the Federal Highway Administration.

Adopted this 13th day of November, 2010
County Board of Arlington County, Virginia

By: _____
Chair

Attest: _____
Clerk to the County Board